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	FOREIGN PATENT DOCUMENTS								
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(26)		SCHULZRINNE, H. et al., "RTP: A Transport Protocol for Real-Time Application.", http://www.ietf.org/rfc/rfc1889.txt, (1/1996),1-75	
15/15		SCHULZRINNE, H. et al., "RFC 2326: Real Time Streaming Protocol (RTSP)", (4/1998),1-92	
135		SUN, H. et al., "Architectures for MPEG Compressed Bitstream Scaling", (4/1996),191-199	

EXAMINER DATE CONSIDERED 11-5-07

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Constant of the constant of th)	JOHN SUCEC et al - "Location Management for Hierarchically Organized Mobile Ad hoc Networks" - BAAB07-00-D-G505 vol 2 - March 17, 2002 - pages 603-607	
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/698,169					
Filing Date	October 30, 2003					
First Named Inventor	M Harville et al					
Art Unit	2154					
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				DOCUMENTS	
Examiner Initials*	Cite 7 No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	FORE	IGN PATENT DOCU	MENTS		
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PATENT APPLICATION

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	1Q	A. Babir, et al.;	"AN ARCHITECTU	JRE FOR	R OPEN PLUGGABL	E EDGE SER	VICES (OF	PES) draft	
201		-ietf-opes-archi	tecture-04"; copyr	ight: Th	e Internet Society (2002); Dece	ember 11,	2002; 22 pa	ges.
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o 1	1R	Wei Tsang Ooi, GATEWAYS"; I	, et al.; "DESIGN A Department of Con	ND IMP nputer S	LEMENTATION OF cience, Cornell Uni	PROGRAMN versity, Itha	1ABLE ME ca, NY; 8	DIA pages.	
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ĺ	15	Wei-Ying Ma, e	et al.; "CONTENT S	ERVICE	S NETWORK: THE	ARCHITECT	URE AND	PROTOCOLS	;";
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PATENT APPLICATION

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200	1A	6,516,350	Feb. 4, 2003	Lui	melsky, et al.		
27	1B	6,442,165	Aug. 27, 2002	Sit	araman, et al.	0	
36	1C	5,937,388	Aug. 10, 1999	Da	vis, et al.		
m	1D	6,055,433	Apr. 25, 2000	Υu	an, et al.		
2	1E	6,463,454	Oct. 8, 2002	Lur	nelsky, et al.		
1	—	2003/0046396	Mar. 6, 2003		hter, et al.		
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9	1L	EP1035718A1	13/09/2000	Lucent	technologies		
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7/	1R	M. Handley, et (1998); April 1	al.; "SDP: SESSIC 998; 40 Pages.	ON DES	CRIPTION PROTOCO)L"; copyright: The Inte	ernet Society
B	15	Don Box, et al. pages.	; "SIMPLE OBJEC"	T ACCE	SS PROTOCOL (SO	AP) 1.1"; May 8, 2000	; W3C; 35
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FORM	I PTO-1449		ATTY. DOCKET NO. 200313240-1	APPLICATION NO. CONFIRMA 10/698,196	ATION	
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1	Sumit Roy, et TRANSCODIN Palo Alto, CA	al.; "IMPLEMENTATI G OF COMPRESSED ; 8 pages.	ON OF AN ALGORITHM F VIDEO ON THE ITANIUM'	OR FAST DOWN-SCALE ; Hewlett- Packard Laboratories,		
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FOREIGN PATENT DOCUMENTS

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11					
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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	Takeshi Yoshimura, et al.; "MOBILE STREAMING MEDIA CDN ENABLED BY DYNAMIC SMIL"; May 7-11, 2002; Honalulu, Hawaii; pages 651-661.
1R	Susie J. Wee, et al.; "FELD-TO-FRAME TRANSCODING WITH SPATIAL AND TEMPORAL DOWNSAMPLING"; IEEE International conference on Image Processing, Kobe, Japan, October 1999; 5 pages.
15	Sumit Roy, et al.; "APPLICATION LEVEL HAND-OFF SUPPORT FOR MOBILE MEDIA TRANSCODING SESSIONS"; NOSSDAV 2002, May 12-14, 2002, Miami, Florida; 10 pages.
R	DATE CONSIDERED
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TO FO	RM P	TO-1449		200313240-1	APPLICATION NO. 10/698,196	CONFIRMA	TION	
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<u>-</u>	1R	Michael Harville SERVICES"; He	e, et al.; "AN ARCH ewlett-Packard Labo	TECTURE FOR COMPON ratories, Palo Alto, CA; 7	ENTIZED, NETWORK-B/ pages.	ASED MEDIA	`	
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DATE CONSIDERED

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U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

38	1Q	H. Schilzrinne, et al.; "REAL TIME STREAMING PROTOCOL (RTSP)"; copyright: The Internet Society (1998); April 1998; 87 pages.
S	178	H. Schilzrinne, et al.; "RTP: A TRANSPORT PROTOCOL FOR REAL-TIME APPLICATIONS"; 70 Pages.
BR	15	A. Babir, et al.; "OPES USE CASES AND DEPLOYMENT SCENARIOS draft-ietf-opes-scenarios-01" copyright: The Internet Society (2002); August 5, 2002; 16 pages.
EXAMIN Rev 10/03 (PTC	<u> </u>	DATE CONSIDERED 1 - 5 - 07